



IO01HL0260-4101

433MHz Antenna

Product Specification



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1. Structural Drawings

Unit: mm

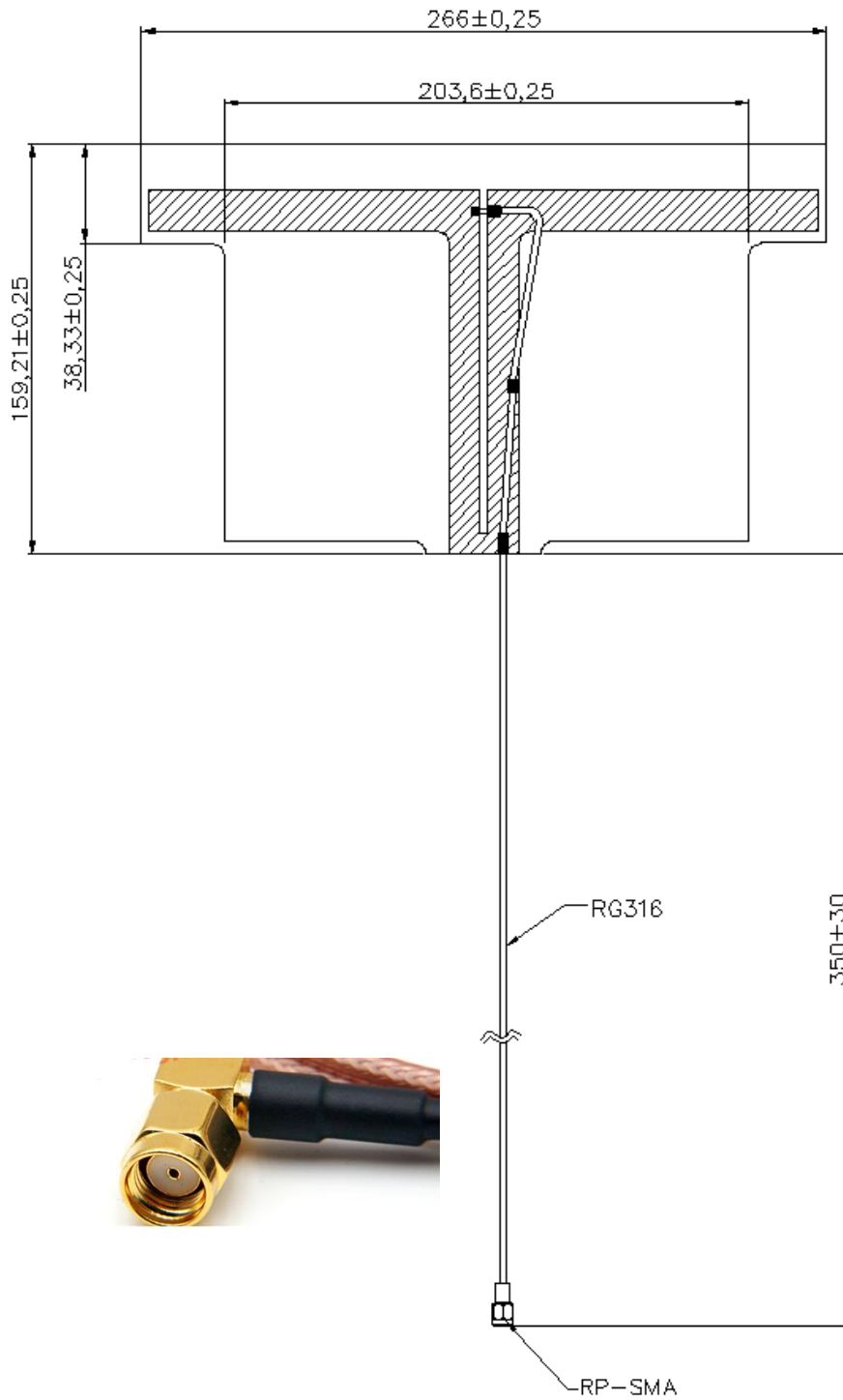


Figure 1 Antenna Outline Dimension

2. Performance Parameter Table

Project	Parameter Item	Parameter Index	Explain
Antenna Performance Parameters	Frequency Range	433MHz	
	Gain and Directivity	2dBi	
	Polarization Mode	Horizon	
	Standing Wave Ratio	≤ 2	(Stick to the Shell for Actual Measurement)
	Directional	Omnidirectional	
	Input Impedance	50Ω	
Structural Parameters	Antenna Body Size	Refer to Structure Drawing	
	Connection Mode with the Whole Machine	RG316 35cm	
	Connector Specification	RP-SMA	
Reliability Parameters	Working Temperature	-30 ~ 55°C	
	Working Humidity	10%-95% RH	
	Environment Protection	RoHS	

3. Test Data

3.1 Gain

Frequency (MHz)	Efficiency (%)	Gain (dBi)
433	64.9	2.2

3.2 Directional pattern

